

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5E-735-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N120
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

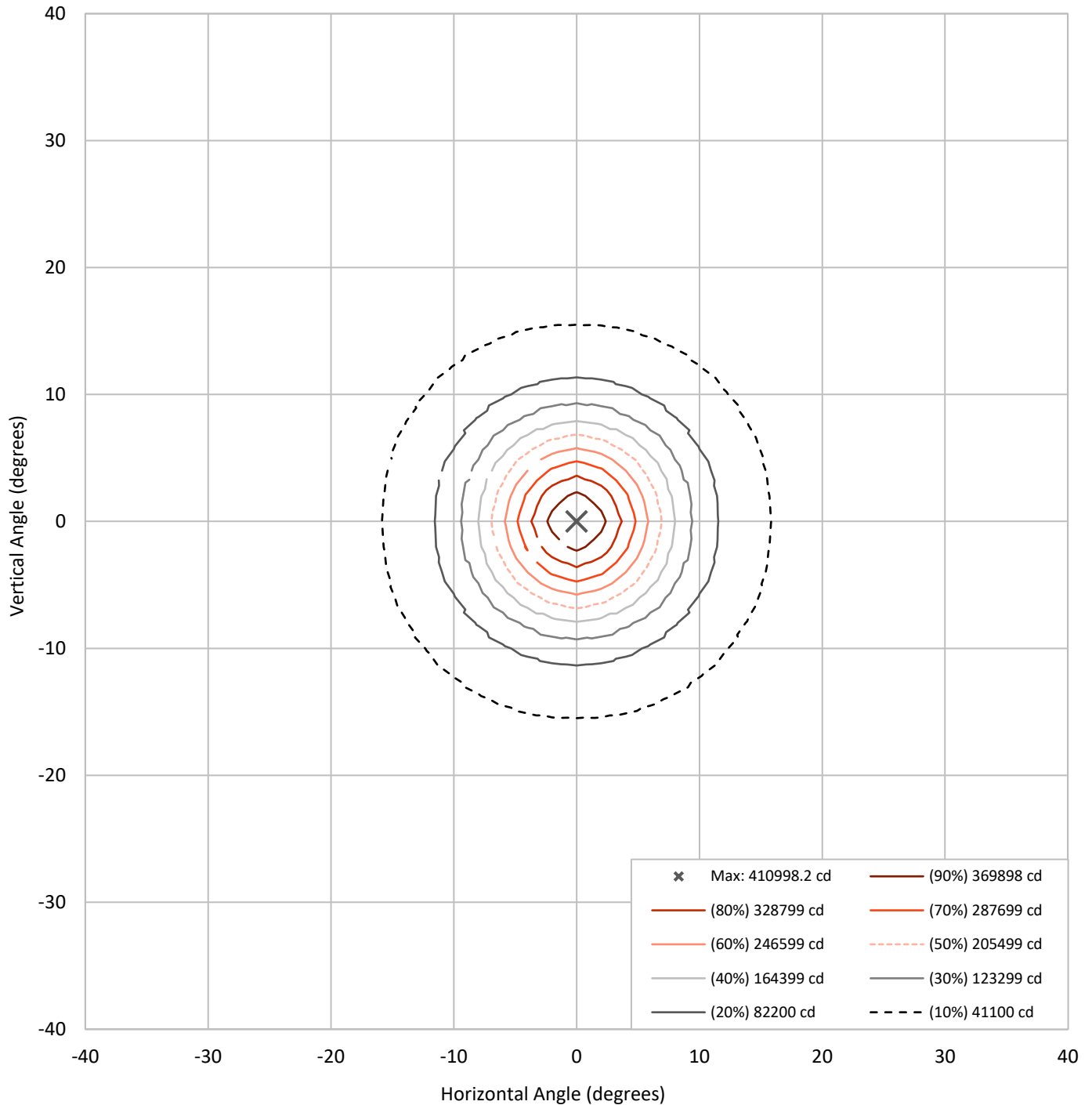
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	43642 lumens	Max Intensity:	410998.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	12903 lumens	Field Lumens:	29037 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





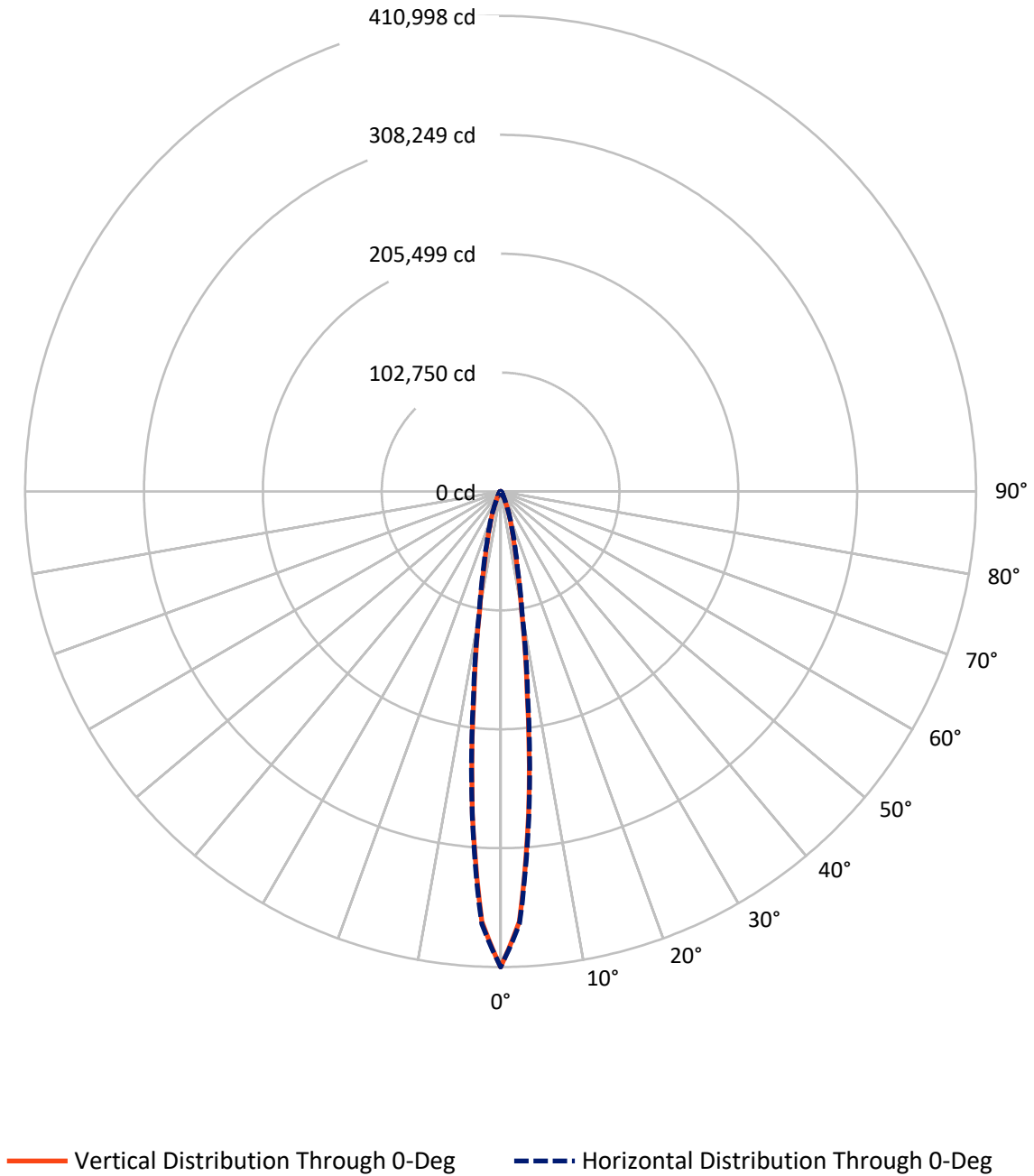
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Lumen Table

90	0.8	6.0		15.7		25.4		27.7		25.4		15.7		6.0		0.8			
80	0.8	6.0		15.7		25.4		27.7		25.4		15.7		6.0		0.8			
70	2.7	3.0	6.3	10.3	14.6	17.9	20.2	21.1	21.1	20.2	17.9	14.6	10.3	6.3	3.0	2.7			
60		4.6	9.5	15.4	20.6	25.2	28.2	29.3	29.3	28.2	25.2	20.6	15.4	9.5	4.6				
50	4.8	6.1	12.3	19.0	25.2	31.7	37.4	40.3	40.3	37.4	31.7	25.2	19.0	12.3	6.1	4.8			
40		7.3	14.4	21.9	31.0	44.6	62.9	77.9	77.9	62.9	44.6	31.0	21.9	14.4	7.3				
30	6.2	8.2	15.8	24.7	40.2	79.8	181.6	300.6	300.6	181.6	79.8	40.2	24.7	15.8	8.2	6.2			
20		8.8	16.6	27.2	53.3	169.3	601.2	1294.9	1294.9	601.2	169.3	53.3	27.2	16.6	8.8				
10	6.6	9.1	17.0	28.9	64.4	279.0	1307.0	5646.1	5646.1	1307.0	279.0	64.4	28.9	17.0	9.1	6.6			
0		9.1	17.0	28.9	64.4	279.0	1307.0	5646.1	5646.1	1307.0	279.0	64.4	28.9	17.0	9.1				
-10	6.2	8.8	16.6	27.2	53.3	169.3	601.2	1294.9	1294.9	601.2	169.3	53.3	27.2	16.6	8.8	6.2			
-20		8.2	15.8	24.7	40.2	79.8	181.6	300.6	300.6	181.6	79.8	40.2	24.7	15.8	8.2				
-30	4.8	7.3	14.4	21.9	31.0	44.6	62.9	77.9	77.9	62.9	44.6	31.0	21.9	14.4	7.3	4.8			
-40		6.1	12.3	19.0	25.2	31.7	37.4	40.3	40.3	37.4	31.7	25.2	19.0	12.3	6.1				
-50	2.7	4.6	9.5	15.4	20.6	25.2	28.2	29.3	29.3	28.2	25.2	20.6	15.4	9.5	4.6	2.7			
-60		3.0	6.3	10.3	14.6	17.9	20.2	21.1	21.1	20.2	17.9	14.6	10.3	6.3	3.0				
-70	0.8	6.0		15.7		25.4		27.7		25.4		15.7		6.0		0.8			
-80		6.0		15.7		25.4		27.7		25.4		15.7		6.0					
-90	0.8	6.0		15.7		25.4		27.7		25.4		15.7		6.0		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

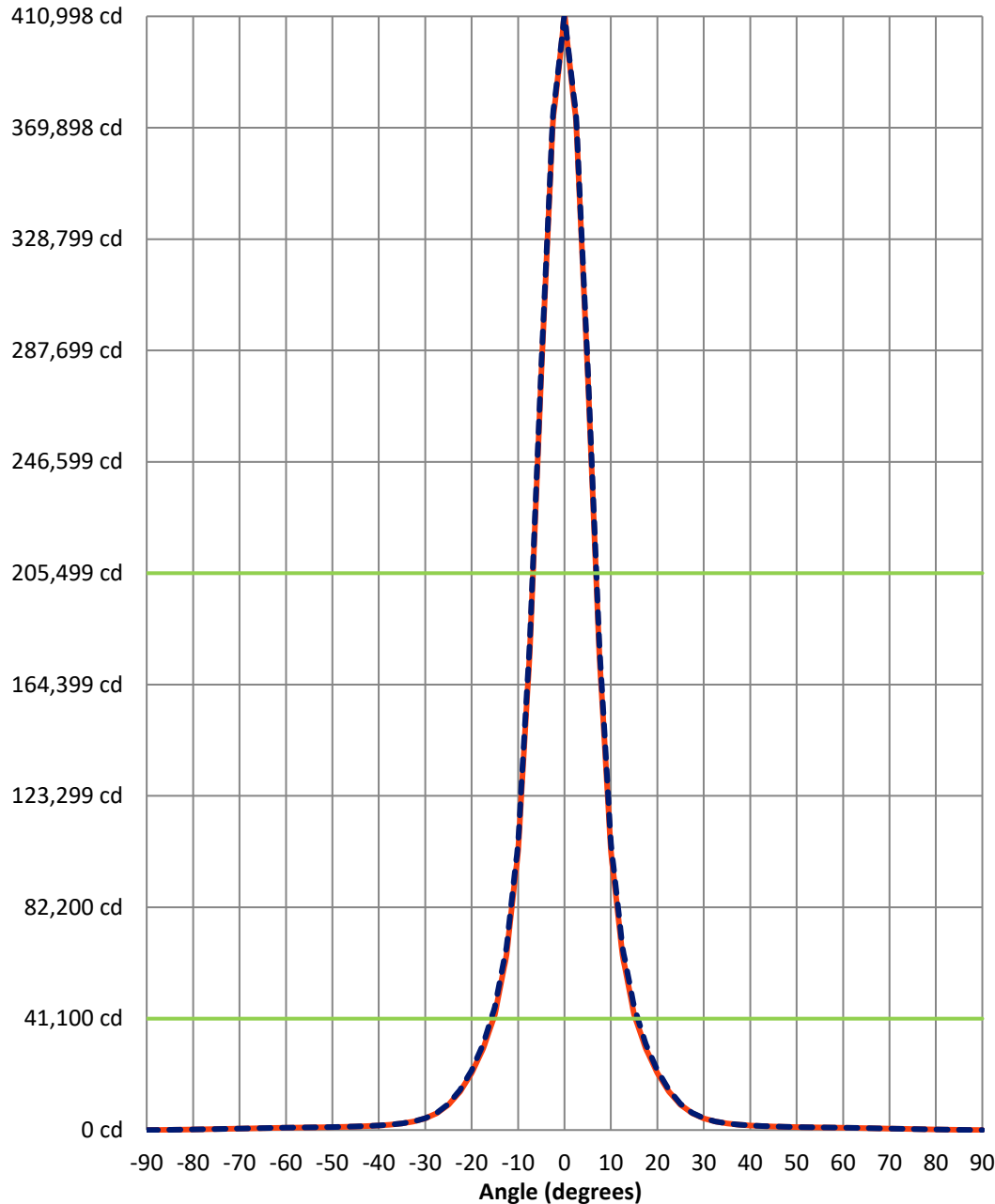
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 12903
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 29037
 Efficiency: 66.5%

Spill:
 Lumens: 14604.9
 Efficiency: 33.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
85°	0.0	2.7	6.1	9.2	12.2	15.2	18.2	21.1	24.1	26.9	29.7
82.5°	0.0	4.0	9.2	13.7	18.3	22.8	27.3	31.7	36.4	42.9	49.2
80°	0.0	5.3	12.2	18.3	24.3	30.3	36.8	45.6	54.3	62.9	71.4
77.5°	0.0	6.6	15.1	22.8	30.3	38.9	50.2	61.3	72.1	82.8	94.2
75°	0.0	7.9	18.0	27.3	36.7	49.5	63.3	76.8	90.0	105.0	119.6
72.5°	0.0	9.2	20.9	31.7	44.7	59.9	76.3	92.7	110.4	127.7	144.8
70°	0.0	10.4	23.7	36.3	52.6	70.1	89.3	110.4	130.4	150.3	172.5
67.5°	0.0	11.7	26.4	41.9	60.3	80.1	104.0	127.7	150.3	175.6	200.6
65°	0.0	12.8	29.0	47.3	67.8	91.0	118.4	144.8	172.5	200.6	230.1
62.5°	0.0	14.0	31.6	52.6	75.1	102.8	132.6	163.3	194.4	226.1	263.1
60°	0.0	15.1	34.0	57.8	82.2	114.3	146.4	182.0	215.8	254.5	295.3
57.5°	0.0	16.2	37.2	62.8	91.1	125.6	161.6	200.2	239.2	282.1	326.3
55°	0.0	17.2	40.3	67.6	99.8	136.5	176.6	217.7	262.5	308.6	356.2
52.5°	0.0	18.2	43.3	72.2	108.2	147.3	191.1	236.6	284.9	334.1	384.9
50°	0.0	19.1	46.3	76.6	116.4	159.0	205.2	255.2	306.3	358.4	412.5
47.5°	0.0	20.0	49.1	81.2	124.2	170.2	219.0	273.0	326.7	381.6	439.4
45°	0.0	20.9	51.9	86.9	131.7	181.0	233.6	290.2	346.3	405.3	465.7
42.5°	0.0	21.7	54.6	92.2	138.9	191.4	247.7	306.6	365.1	428.3	491.4
40°	0.0	22.4	57.2	97.5	146.3	201.2	261.0	322.2	383.5	450.6	516.3
37.5°	0.0	23.1	59.6	102.6	153.7	210.5	273.7	337.0	402.0	471.3	540.5
35°	0.0	23.7	62.0	107.3	160.7	220.0	285.7	351.0	419.1	490.9	563.7
32.5°	0.0	24.3	64.2	111.8	167.2	229.3	296.8	364.1	434.9	509.2	583.9
30°	0.0	24.8	66.3	116.0	173.3	238.0	307.3	376.4	449.4	526.2	602.2
27.5°	0.0	25.2	68.2	119.9	179.2	245.9	316.9	388.1	462.7	541.9	618.7
25°	0.0	25.6	70.1	123.5	184.7	253.2	325.7	398.7	475.3	555.6	633.3
22.5°	0.0	25.9	71.7	126.8	189.7	259.8	333.6	408.0	486.7	567.5	646.0
20°	0.0	26.2	73.3	129.7	194.2	265.5	340.7	416.2	496.7	577.8	657.5
17.5°	0.0	26.4	74.6	132.3	198.1	270.4	346.6	423.2	505.4	586.4	667.7
15°	0.0	26.6	75.8	134.6	201.6	274.4	351.4	429.5	512.8	593.5	676.4
12.5°	0.0	26.7	76.9	136.5	204.6	277.6	355.3	435.2	519.0	598.9	683.8
10°	0.0	26.8	77.7	138.1	207.0	279.9	358.3	440.0	523.8	604.8	690.8
7.5°	0.0	26.7	78.4	139.3	208.9	281.5	360.4	443.9	527.1	609.7	698.9
5°	0.0	26.7	78.9	140.2	210.2	282.3	361.5	446.8	528.9	613.3	705.4
2.5°	0.0	26.6	79.2	140.7	211.0	282.4	361.7	448.5	529.3	615.6	710.3
0°	0.0	26.4	79.3	140.9	211.3	281.8	361.0	449.1	528.3	616.4	713.3
-2.5°	0.0	26.6	79.2	140.7	211.0	282.4	361.7	448.5	529.3	615.6	710.3
-5°	0.0	26.7	78.9	140.2	210.2	282.3	361.5	446.8	528.9	613.3	705.4
-7.5°	0.0	26.7	78.4	139.3	208.9	281.5	360.4	443.9	527.1	609.7	698.9
-10°	0.0	26.8	77.7	138.1	207.0	279.9	358.3	440.0	523.8	604.8	690.8
-12.5°	0.0	26.7	76.9	136.5	204.6	277.6	355.3	435.2	519.0	598.9	683.8
-15°	0.0	26.6	75.8	134.6	201.6	274.4	351.4	429.5	512.8	593.5	676.4
-17.5°	0.0	26.4	74.6	132.3	198.1	270.4	346.6	423.2	505.4	586.4	667.7
-20°	0.0	26.2	73.3	129.7	194.2	265.5	340.7	416.2	496.7	577.8	657.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	25.9	71.7	126.8	189.7	259.8	333.6	408.0	486.7	567.5	646.0
-25°	0.0	25.6	70.1	123.5	184.7	253.2	325.7	398.7	475.3	555.6	633.3
-27.5°	0.0	25.2	68.2	119.9	179.2	245.9	316.9	388.1	462.7	541.9	618.7
-30°	0.0	24.8	66.3	116.0	173.3	238.0	307.3	376.4	449.4	526.2	602.2
-32.5°	0.0	24.3	64.2	111.8	167.2	229.3	296.8	364.1	434.9	509.2	583.9
-35°	0.0	23.7	62.0	107.3	160.7	220.0	285.7	351.0	419.1	490.9	563.7
-37.5°	0.0	23.1	59.6	102.6	153.7	210.5	273.7	337.0	402.0	471.3	540.5
-40°	0.0	22.4	57.2	97.5	146.3	201.2	261.0	322.2	383.5	450.6	516.3
-42.5°	0.0	21.7	54.6	92.2	138.9	191.4	247.7	306.6	365.1	428.3	491.4
-45°	0.0	20.9	51.9	86.9	131.7	181.0	233.6	290.2	346.3	405.3	465.7
-47.5°	0.0	20.0	49.1	81.2	124.2	170.2	219.0	273.0	326.7	381.6	439.4
-50°	0.0	19.1	46.3	76.6	116.4	159.0	205.2	255.2	306.3	358.4	412.5
-52.5°	0.0	18.2	43.3	72.2	108.2	147.3	191.1	236.6	284.9	334.1	384.9
-55°	0.0	17.2	40.3	67.6	99.8	136.5	176.6	217.7	262.5	308.6	356.2
-57.5°	0.0	16.2	37.2	62.8	91.1	125.6	161.6	200.2	239.2	282.1	326.3
-60°	0.0	15.1	34.0	57.8	82.2	114.3	146.4	182.0	215.8	254.5	295.3
-62.5°	0.0	14.0	31.6	52.6	75.1	102.8	132.6	163.3	194.4	226.1	263.1
-65°	0.0	12.8	29.0	47.3	67.8	91.0	118.4	144.8	172.5	200.6	230.1
-67.5°	0.0	11.7	26.4	41.9	60.3	80.1	104.0	127.7	150.3	175.6	200.6
-70°	0.0	10.4	23.7	36.3	52.6	70.1	89.3	110.4	130.4	150.3	172.5
-72.5°	0.0	9.2	20.9	31.7	44.7	59.9	76.3	92.7	110.4	127.7	144.8
-75°	0.0	7.9	18.0	27.3	36.7	49.5	63.3	76.8	90.0	105.0	119.6
-77.5°	0.0	6.6	15.1	22.8	30.3	38.9	50.2	61.3	72.1	82.8	94.2
-80°	0.0	5.3	12.2	18.3	24.3	30.3	36.8	45.6	54.3	62.9	71.4
-82.5°	0.0	4.0	9.2	13.7	18.3	22.8	27.3	31.7	36.4	42.9	49.2
-85°	0.0	2.7	6.1	9.2	12.2	15.2	18.2	21.1	24.1	26.9	29.7
-87.5°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.2	17.6	18.9	20.2	21.4	22.6	23.8	24.9	25.9	27.0	27.9
85°	32.5	35.2	39.1	42.9	46.2	49.0	51.4	53.5	57.1	60.9	64.9
82.5°	55.4	61.5	67.4	73.2	77.1	80.3	83.3	87.8	95.6	103.0	109.9
80°	79.6	87.7	96.8	105.7	113.4	121.1	129.0	137.2	145.7	153.8	161.5
77.5°	106.2	118.0	129.5	140.6	151.7	163.7	175.3	186.4	197.1	207.3	216.9
75°	134.0	148.1	163.6	178.9	193.8	208.2	222.3	237.4	251.8	265.6	278.8
72.5°	163.3	182.0	200.3	218.2	237.5	256.4	274.7	292.3	309.4	327.4	346.3
70°	194.4	215.8	239.6	262.5	284.1	306.7	329.2	348.7	367.2	391.9	417.2
67.5°	226.3	255.3	282.2	308.1	336.8	363.4	386.4	411.1	437.5	466.0	491.0
65°	264.1	295.6	326.9	359.5	392.8	420.4	449.2	479.8	509.7	538.2	565.3
62.5°	301.4	336.9	372.9	408.5	442.6	475.8	510.5	544.6	577.5	610.6	639.8
60°	337.2	377.6	415.6	452.7	491.4	532.6	571.2	608.9	648.3	685.7	705.4
57.5°	371.9	415.0	454.7	496.4	541.8	588.4	628.8	671.6	705.4	731.4	756.8
55°	404.5	449.3	492.8	539.7	589.0	637.4	682.5	720.6	751.8	775.6	802.5
52.5°	435.0	482.2	529.6	580.9	633.2	684.8	732.0	767.7	795.6	820.1	845.4
50°	464.9	514.6	564.7	620.8	676.9	731.8	778.0	810.7	837.1	862.2	888.1
47.5°	494.4	546.5	600.4	660.2	721.0	774.1	817.8	847.7	874.4	903.8	932.2
45°	523.3	579.6	636.8	701.0	762.1	813.2	850.4	880.4	913.3	945.0	975.5
42.5°	551.5	612.2	674.2	740.8	799.8	845.9	880.6	916.0	951.5	985.4	1019.7
40°	580.0	643.5	709.3	775.5	834.9	874.7	911.5	949.5	988.7	1025.5	1063.6
37.5°	607.2	673.1	740.8	807.7	861.7	902.0	940.2	982.3	1023.5	1063.7	1113.2
35°	633.1	700.0	768.2	833.0	885.0	926.6	969.4	1013.7	1056.9	1108.8	1165.3
32.5°	656.3	724.1	793.3	853.6	904.5	949.5	997.4	1043.6	1095.6	1154.2	1222.2
30°	675.8	745.2	814.6	873.6	923.3	970.8	1022.8	1073.8	1134.6	1205.2	1285.9
27.5°	693.0	764.1	831.7	890.7	941.2	988.5	1043.2	1107.5	1177.3	1256.6	1351.4
25°	709.0	783.3	847.7	906.3	955.4	1005.0	1063.5	1134.6	1218.6	1314.1	1430.1
22.5°	724.2	801.6	864.1	921.1	966.6	1020.1	1086.0	1163.5	1254.8	1366.6	1507.8
20°	738.6	815.4	877.1	932.7	975.0	1033.3	1105.9	1188.6	1292.4	1425.7	1589.0
17.5°	751.9	827.2	887.3	939.6	986.0	1047.4	1123.4	1209.1	1325.1	1479.4	1663.7
15°	764.0	837.0	895.5	945.2	995.9	1062.2	1141.7	1234.6	1361.2	1530.6	1729.8
12.5°	774.7	845.0	901.8	949.5	1003.8	1074.2	1158.0	1261.0	1400.1	1580.9	1813.7
10°	783.8	851.1	906.2	952.5	1009.6	1083.5	1171.6	1282.6	1431.0	1619.9	1878.2
7.5°	791.6	856.0	909.2	954.2	1013.5	1089.9	1182.1	1299.0	1452.7	1647.6	1924.8
5°	797.1	859.9	912.9	959.6	1019.4	1095.0	1189.9	1310.2	1465.4	1664.1	1953.7
2.5°	800.3	862.2	915.1	964.8	1025.9	1099.3	1195.7	1322.5	1475.7	1680.1	1975.9
0°	801.3	863.0	915.8	968.6	1030.3	1100.7	1197.6	1329.7	1479.4	1690.7	1990.1
-2.5°	800.3	862.2	915.1	964.8	1025.9	1099.3	1195.7	1322.5	1475.7	1680.1	1975.9
-5°	797.1	859.9	912.9	959.6	1019.4	1095.0	1189.9	1310.2	1465.4	1664.1	1953.7
-7.5°	791.6	856.0	909.2	954.2	1013.5	1089.9	1182.1	1299.0	1452.7	1647.6	1924.8
-10°	783.8	851.1	906.2	952.5	1009.6	1083.5	1171.6	1282.6	1431.0	1619.9	1878.2
-12.5°	774.7	845.0	901.8	949.5	1003.8	1074.2	1158.0	1261.0	1400.1	1580.9	1813.7
-15°	764.0	837.0	895.5	945.2	995.9	1062.2	1141.7	1234.6	1361.2	1530.6	1729.8
-17.5°	751.9	827.2	887.3	939.6	986.0	1047.4	1123.4	1209.1	1325.1	1479.4	1663.7
-20°	738.6	815.4	877.1	932.7	975.0	1033.3	1105.9	1188.6	1292.4	1425.7	1589.0

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	724.2	801.6	864.1	921.1	966.6	1020.1	1086.0	1163.5	1254.8	1366.6	1507.8
-25°	709.0	783.3	847.7	906.3	955.4	1005.0	1063.5	1134.6	1218.6	1314.1	1430.1
-27.5°	693.0	764.1	831.7	890.7	941.2	988.5	1043.2	1107.5	1177.3	1256.6	1351.4
-30°	675.8	745.2	814.6	873.6	923.3	970.8	1022.8	1073.8	1134.6	1205.2	1285.9
-32.5°	656.3	724.1	793.3	853.6	904.5	949.5	997.4	1043.6	1095.6	1154.2	1222.2
-35°	633.1	700.0	768.2	833.0	885.0	926.6	969.4	1013.7	1056.9	1108.8	1165.3
-37.5°	607.2	673.1	740.8	807.7	861.7	902.0	940.2	982.3	1023.5	1063.7	1113.2
-40°	580.0	643.5	709.3	775.5	834.9	874.7	911.5	949.5	988.7	1025.5	1063.6
-42.5°	551.5	612.2	674.2	740.8	799.8	845.9	880.6	916.0	951.5	985.4	1019.7
-45°	523.3	579.6	636.8	701.0	762.1	813.2	850.4	880.4	913.3	945.0	975.5
-47.5°	494.4	546.5	600.4	660.2	721.0	774.1	817.8	847.7	874.4	903.8	932.2
-50°	464.9	514.6	564.7	620.8	676.9	731.8	778.0	810.7	837.1	862.2	888.1
-52.5°	435.0	482.2	529.6	580.9	633.2	684.8	732.0	767.7	795.6	820.1	845.4
-55°	404.5	449.3	492.8	539.7	589.0	637.4	682.5	720.6	751.8	775.6	802.5
-57.5°	371.9	415.0	454.7	496.4	541.8	588.4	628.8	671.6	705.4	731.4	756.8
-60°	337.2	377.6	415.6	452.7	491.4	532.6	571.2	608.9	648.3	685.7	705.4
-62.5°	301.4	336.9	372.9	408.5	442.6	475.8	510.5	544.6	577.5	610.6	639.8
-65°	264.1	295.6	326.9	359.5	392.8	420.4	449.2	479.8	509.7	538.2	565.3
-67.5°	226.3	255.3	282.2	308.1	336.8	363.4	386.4	411.1	437.5	466.0	491.0
-70°	194.4	215.8	239.6	262.5	284.1	306.7	329.2	348.7	367.2	391.9	417.2
-72.5°	163.3	182.0	200.3	218.2	237.5	256.4	274.7	292.3	309.4	327.4	346.3
-75°	134.0	148.1	163.6	178.9	193.8	208.2	222.3	237.4	251.8	265.6	278.8
-77.5°	106.2	118.0	129.5	140.6	151.7	163.7	175.3	186.4	197.1	207.3	216.9
-80°	79.6	87.7	96.8	105.7	113.4	121.1	129.0	137.2	145.7	153.8	161.5
-82.5°	55.4	61.5	67.4	73.2	77.1	80.3	83.3	87.8	95.6	103.0	109.9
-85°	32.5	35.2	39.1	42.9	46.2	49.0	51.4	53.5	57.1	60.9	64.9
-87.5°	16.2	17.6	18.9	20.2	21.4	22.6	23.8	24.9	25.9	27.0	27.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.8	29.7	30.5	31.2	31.9	32.5	33.1	33.6	34.0	32.2	30.3
85°	68.9	71.5	73.9	76.1	78.2	80.0	81.7	83.2	84.5	83.4	82.1
82.5°	116.0	120.6	124.8	128.7	132.3	135.6	138.5	141.1	143.4	143.2	142.6
80°	168.8	176.3	183.9	191.4	198.8	203.2	206.5	208.9	210.6	211.3	211.5
77.5°	226.8	238.5	250.7	262.7	274.4	281.2	286.0	290.1	293.3	293.9	293.3
75°	291.2	306.3	322.9	337.4	350.0	357.8	363.2	367.7	371.4	372.3	371.9
72.5°	366.0	384.6	399.5	411.8	422.4	430.8	437.5	443.2	447.8	449.8	450.0
70°	439.5	457.9	472.1	484.5	495.0	503.6	511.7	518.6	524.3	528.5	531.6
67.5°	514.1	535.1	549.6	560.9	569.8	578.9	589.6	598.9	606.6	611.9	614.5
65°	590.6	612.3	626.3	638.6	649.5	661.0	672.9	681.7	687.5	691.1	693.4
62.5°	664.7	684.9	702.6	718.9	734.6	747.7	755.9	763.3	769.5	774.8	778.8
60°	728.3	754.1	773.9	789.5	804.9	819.7	829.8	837.8	844.0	848.6	851.5
57.5°	782.6	808.9	832.1	847.4	864.1	881.9	893.5	900.2	906.4	911.7	914.2
55°	830.1	854.4	875.9	896.7	915.4	931.3	943.7	952.7	960.3	966.4	968.4
52.5°	872.9	899.3	924.4	946.6	964.9	980.2	992.4	1003.6	1012.2	1018.1	1020.7
50°	917.7	946.1	973.1	997.4	1016.2	1033.3	1048.6	1061.9	1074.5	1084.5	1091.7
47.5°	961.8	992.2	1022.0	1048.6	1071.2	1096.0	1118.3	1137.1	1155.6	1170.5	1180.8
45°	1006.4	1041.4	1073.8	1108.1	1138.7	1171.2	1201.5	1227.5	1254.2	1274.4	1288.1
42.5°	1055.8	1095.6	1134.6	1177.3	1219.1	1261.5	1307.2	1348.0	1379.6	1409.2	1433.1
40°	1108.8	1154.2	1205.2	1257.7	1319.2	1375.1	1436.6	1489.4	1537.1	1587.5	1627.6
37.5°	1165.3	1222.2	1289.1	1359.2	1438.9	1515.3	1595.6	1674.5	1743.3	1824.5	1886.5
35°	1227.8	1303.7	1386.0	1480.9	1580.1	1689.6	1799.4	1926.3	2035.4	2155.6	2260.2
32.5°	1301.8	1392.3	1500.4	1625.5	1752.9	1919.2	2074.6	2276.5	2451.0	2641.6	2833.6
30°	1377.9	1496.1	1635.6	1793.3	1995.9	2224.5	2479.3	2779.7	3089.4	3389.1	3750.6
27.5°	1472.1	1614.8	1783.8	2014.1	2312.3	2621.3	3059.4	3510.4	4079.7	4550.6	5214.4
25°	1570.0	1738.0	1978.1	2291.4	2680.6	3216.8	3881.7	4602.3	5604.0	6484.0	7516.1
22.5°	1676.6	1903.4	2202.1	2588.8	3178.9	4002.0	5008.8	6365.5	7842.9	9411.5	10971.7
20°	1787.6	2062.1	2453.6	3014.1	3823.7	4938.5	6666.9	8761.4	10872.0	13460.1	15751.9
17.5°	1916.2	2265.5	2747.9	3448.9	4529.4	6237.0	8634.8	11558.8	14833.2	18554.5	21858.4
15°	2023.4	2439.9	3048.8	4029.4	5515.5	7708.5	10732.2	14754.7	19675.2	24673.0	29743.5
12.5°	2147.8	2629.5	3344.7	4514.0	6380.4	9294.9	13410.7	18502.0	24647.2	31579.3	39751.3
10°	2258.2	2815.8	3704.8	5152.1	7433.1	10949.4	15944.4	22069.6	30000.1	39973.8	52628.8
7.5°	2340.1	2964.0	3982.8	5637.7	8343.1	12540.1	18338.4	25976.4	36053.4	49223.5	66591.6
5°	2393.2	3071.3	4179.4	6012.5	9055.5	13724.0	20092.9	28747.4	40904.5	59531.5	88941.9
2.5°	2425.0	3134.7	4291.6	6232.3	9488.8	14508.4	21427.7	30842.6	44048.4	65901.8	103317.3
0°	2439.2	3152.4	4358.8	6348.9	9633.5	14811.2	22040.7	31797.5	45455.1	67390.2	105844.8
-2.5°	2425.0	3134.7	4291.6	6232.3	9488.8	14508.4	21427.7	30842.6	44048.4	65901.8	103317.3
-5°	2393.2	3071.3	4179.4	6012.5	9055.5	13724.0	20092.9	28747.4	40904.5	59531.5	88941.9
-7.5°	2340.1	2964.0	3982.8	5637.7	8343.1	12540.1	18338.4	25976.4	36053.4	49223.5	66591.6
-10°	2258.2	2815.8	3704.8	5152.1	7433.1	10949.4	15944.4	22069.6	30000.1	39973.8	52628.8
-12.5°	2147.8	2629.5	3344.7	4514.0	6380.4	9294.9	13410.7	18502.0	24647.2	31579.3	39751.3
-15°	2023.4	2439.9	3048.8	4029.4	5515.5	7708.5	10732.2	14754.7	19675.2	24673.0	29743.5
-17.5°	1916.2	2265.5	2747.9	3448.9	4529.4	6237.0	8634.8	11558.8	14833.2	18554.5	21858.4
-20°	1787.6	2062.1	2453.6	3014.1	3823.7	4938.5	6666.9	8761.4	10872.0	13460.1	15751.9

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1676.6	1903.4	2202.1	2588.8	3178.9	4002.0	5008.8	6365.5	7842.9	9411.5	10971.7
-25°	1570.0	1738.0	1978.1	2291.4	2680.6	3216.8	3881.7	4602.3	5604.0	6484.0	7516.1
-27.5°	1472.1	1614.8	1783.8	2014.1	2312.3	2621.3	3059.4	3510.4	4079.7	4550.6	5214.4
-30°	1377.9	1496.1	1635.6	1793.3	1995.9	2224.5	2479.3	2779.7	3089.4	3389.1	3750.6
-32.5°	1301.8	1392.3	1500.4	1625.5	1752.9	1919.2	2074.6	2276.5	2451.0	2641.6	2833.6
-35°	1227.8	1303.7	1386.0	1480.9	1580.1	1689.6	1799.4	1926.3	2035.4	2155.6	2260.2
-37.5°	1165.3	1222.2	1289.1	1359.2	1438.9	1515.3	1595.6	1674.5	1743.3	1824.5	1886.5
-40°	1108.8	1154.2	1205.2	1257.7	1319.2	1375.1	1436.6	1489.4	1537.1	1587.5	1627.6
-42.5°	1055.8	1095.6	1134.6	1177.3	1219.1	1261.5	1307.2	1348.0	1379.6	1409.2	1433.1
-45°	1006.4	1041.4	1073.8	1108.1	1138.7	1171.2	1201.5	1227.5	1254.2	1274.4	1288.1
-47.5°	961.8	992.2	1022.0	1048.6	1071.2	1096.0	1118.3	1137.1	1155.6	1170.5	1180.8
-50°	917.7	946.1	973.1	997.4	1016.2	1033.3	1048.6	1061.9	1074.5	1084.5	1091.7
-52.5°	872.9	899.3	924.4	946.6	964.9	980.2	992.4	1003.6	1012.2	1018.1	1020.7
-55°	830.1	854.4	875.9	896.7	915.4	931.3	943.7	952.7	960.3	966.4	968.4
-57.5°	782.6	808.9	832.1	847.4	864.1	881.9	893.5	900.2	906.4	911.7	914.2
-60°	728.3	754.1	773.9	789.5	804.9	819.7	829.8	837.8	844.0	848.6	851.5
-62.5°	664.7	684.9	702.6	718.9	734.6	747.7	755.9	763.3	769.5	774.8	778.8
-65°	590.6	612.3	626.3	638.6	649.5	661.0	672.9	681.7	687.5	691.1	693.4
-67.5°	514.1	535.1	549.6	560.9	569.8	578.9	589.6	598.9	606.6	611.9	614.5
-70°	439.5	457.9	472.1	484.5	495.0	503.6	511.7	518.6	524.3	528.5	531.6
-72.5°	366.0	384.6	399.5	411.8	422.4	430.8	437.5	443.2	447.8	449.8	450.0
-75°	291.2	306.3	322.9	337.4	350.0	357.8	363.2	367.7	371.4	372.3	371.9
-77.5°	226.8	238.5	250.7	262.7	274.4	281.2	286.0	290.1	293.3	293.9	293.3
-80°	168.8	176.3	183.9	191.4	198.8	203.2	206.5	208.9	210.6	211.3	211.5
-82.5°	116.0	120.6	124.8	128.7	132.3	135.6	138.5	141.1	143.4	143.2	142.6
-85°	68.9	71.5	73.9	76.1	78.2	80.0	81.7	83.2	84.5	83.4	82.1
-87.5°	28.8	29.7	30.5	31.2	31.9	32.5	33.1	33.6	34.0	32.2	30.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.4	26.3	26.4	26.4	26.4	26.3	28.4	30.3	32.2	34.0	33.6
85°	80.6	78.9	79.2	79.3	79.2	78.9	80.6	82.1	83.4	84.5	83.2
82.5°	141.6	140.2	140.7	140.9	140.7	140.2	141.6	142.6	143.2	143.4	141.1
80°	211.2	210.3	206.7	202.5	206.7	210.3	211.2	211.5	211.3	210.6	208.9
77.5°	291.8	289.3	285.9	281.8	285.9	289.3	291.8	293.3	293.9	293.3	290.1
75°	370.5	368.3	369.3	369.8	369.3	368.3	370.5	371.9	372.3	371.4	367.7
72.5°	449.2	447.3	448.6	449.1	448.6	447.3	449.2	450.0	449.8	447.8	443.2
70°	533.7	534.6	532.3	528.3	532.3	534.6	533.7	531.6	528.5	524.3	518.6
67.5°	615.2	614.2	611.6	607.6	611.6	614.2	615.2	614.5	611.9	606.6	598.9
65°	694.2	693.4	694.9	695.7	694.9	693.4	694.2	693.4	691.1	687.5	681.7
62.5°	780.8	780.8	778.9	774.9	778.9	780.8	780.8	778.8	774.8	769.5	763.3
60°	852.6	852.0	849.6	845.3	849.6	852.0	852.6	851.5	848.6	844.0	837.8
57.5°	914.9	914.0	911.4	907.0	911.4	914.0	914.9	914.2	911.7	906.4	900.2
55°	968.6	967.3	964.4	959.8	964.4	967.3	968.6	968.4	966.4	960.3	952.7
52.5°	1021.3	1020.2	1020.6	1021.5	1020.6	1020.2	1021.3	1020.7	1018.1	1012.2	1003.6
50°	1096.1	1097.6	1096.2	1091.9	1096.2	1097.6	1096.1	1091.7	1084.5	1074.5	1061.9
47.5°	1185.7	1186.3	1184.2	1180.0	1184.2	1186.3	1185.7	1180.8	1170.5	1155.6	1137.1
45°	1298.7	1305.1	1306.8	1303.2	1306.8	1305.1	1298.7	1288.1	1274.4	1254.2	1227.5
42.5°	1451.6	1461.6	1464.5	1461.7	1464.5	1461.6	1451.6	1433.1	1409.2	1379.6	1348.0
40°	1652.3	1663.7	1665.9	1664.3	1665.9	1663.7	1652.3	1627.6	1587.5	1537.1	1489.4
37.5°	1930.1	1957.9	1971.0	1972.5	1971.0	1957.9	1930.1	1886.5	1824.5	1743.3	1674.5
35°	2340.0	2395.3	2424.9	2439.2	2424.9	2395.3	2340.0	2260.2	2155.6	2035.4	1926.3
32.5°	2979.1	3089.8	3151.2	3143.6	3151.2	3089.8	2979.1	2833.6	2641.6	2451.0	2276.5
30°	4023.1	4216.7	4314.2	4288.4	4314.2	4216.7	4023.1	3750.6	3389.1	3089.4	2779.7
27.5°	5691.2	6041.2	6243.5	6216.8	6243.5	6041.2	5691.2	5214.4	4550.6	4079.7	3510.4
25°	8378.9	9017.6	9426.5	9325.3	9426.5	9017.6	8378.9	7516.1	6484.0	5604.0	4602.3
22.5°	12467.5	13549.5	14265.5	14177.2	14265.5	13549.5	12467.5	10971.7	9411.5	7842.9	6365.5
20°	18075.8	19722.7	20898.6	21054.5	20898.6	19722.7	18075.8	15751.9	13460.1	10872.0	8761.4
17.5°	25427.3	28038.6	29856.2	30159.6	29856.2	28038.6	25427.3	21858.4	18554.5	14833.2	11558.8
15°	34981.5	39249.5	42338.4	42593.3	42338.4	39249.5	34981.5	29743.5	24673.0	19675.2	14754.7
12.5°	47954.8	56538.9	62141.2	64607.6	62141.2	56538.9	47954.8	39751.3	31579.3	24647.2	18502.0
10°	65909.1	85626.3	98253.5	103000.5	98253.5	85626.3	65909.1	52628.8	39973.8	30000.1	22069.6
7.5°	95898.2	126854.7	161270.3	175938.3	161270.3	126854.7	95898.2	66591.6	49223.5	36053.4	25976.4
5°	129858.5	194105.6	255216.2	279079.7	255216.2	194105.6	129858.5	88941.9	59531.5	40904.5	28747.4
2.5°	165593.4	255144.6	339061.0	371878.8	339061.0	255144.6	165593.4	103317.3	65901.8	44048.4	30842.6
0°	179548.7	281871.1	374199.1	410998.2	374199.1	281871.1	179548.7	105844.8	67390.2	45455.1	31797.5
-2.5°	165593.4	255144.6	339061.0	371878.8	339061.0	255144.6	165593.4	103317.3	65901.8	44048.4	30842.6
-5°	129858.5	194105.6	255216.2	279079.7	255216.2	194105.6	129858.5	88941.9	59531.5	40904.5	28747.4
-7.5°	95898.2	126854.7	161270.3	175938.3	161270.3	126854.7	95898.2	66591.6	49223.5	36053.4	25976.4
-10°	65909.1	85626.3	98253.5	103000.5	98253.5	85626.3	65909.1	52628.8	39973.8	30000.1	22069.6
-12.5°	47954.8	56538.9	62141.2	64607.6	62141.2	56538.9	47954.8	39751.3	31579.3	24647.2	18502.0
-15°	34981.5	39249.5	42338.4	42593.3	42338.4	39249.5	34981.5	29743.5	24673.0	19675.2	14754.7
-17.5°	25427.3	28038.6	29856.2	30159.6	29856.2	28038.6	25427.3	21858.4	18554.5	14833.2	11558.8
-20°	18075.8	19722.7	20898.6	21054.5	20898.6	19722.7	18075.8	15751.9	13460.1	10872.0	8761.4



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12467.5	13549.5	14265.5	14177.2	14265.5	13549.5	12467.5	10971.7	9411.5	7842.9	6365.5
-25°	8378.9	9017.6	9426.5	9325.3	9426.5	9017.6	8378.9	7516.1	6484.0	5604.0	4602.3
-27.5°	5691.2	6041.2	6243.5	6216.8	6243.5	6041.2	5691.2	5214.4	4550.6	4079.7	3510.4
-30°	4023.1	4216.7	4314.2	4288.4	4314.2	4216.7	4023.1	3750.6	3389.1	3089.4	2779.7
-32.5°	2979.1	3089.8	3151.2	3143.6	3151.2	3089.8	2979.1	2833.6	2641.6	2451.0	2276.5
-35°	2340.0	2395.3	2424.9	2439.2	2424.9	2395.3	2340.0	2260.2	2155.6	2035.4	1926.3
-37.5°	1930.1	1957.9	1971.0	1972.5	1971.0	1957.9	1930.1	1886.5	1824.5	1743.3	1674.5
-40°	1652.3	1663.7	1665.9	1664.3	1665.9	1663.7	1652.3	1627.6	1587.5	1537.1	1489.4
-42.5°	1451.6	1461.6	1464.5	1461.7	1464.5	1461.6	1451.6	1433.1	1409.2	1379.6	1348.0
-45°	1298.7	1305.1	1306.8	1303.2	1306.8	1305.1	1298.7	1288.1	1274.4	1254.2	1227.5
-47.5°	1185.7	1186.3	1184.2	1180.0	1184.2	1186.3	1185.7	1180.8	1170.5	1155.6	1137.1
-50°	1096.1	1097.6	1096.2	1091.9	1096.2	1097.6	1096.1	1091.7	1084.5	1074.5	1061.9
-52.5°	1021.3	1020.2	1020.6	1021.5	1020.6	1020.2	1021.3	1020.7	1018.1	1012.2	1003.6
-55°	968.6	967.3	964.4	959.8	964.4	967.3	968.6	968.4	966.4	960.3	952.7
-57.5°	914.9	914.0	911.4	907.0	911.4	914.0	914.9	914.2	911.7	906.4	900.2
-60°	852.6	852.0	849.6	845.3	849.6	852.0	852.6	851.5	848.6	844.0	837.8
-62.5°	780.8	780.8	778.9	774.9	778.9	780.8	780.8	778.8	774.8	769.5	763.3
-65°	694.2	693.4	694.9	695.7	694.9	693.4	694.2	693.4	691.1	687.5	681.7
-67.5°	615.2	614.2	611.6	607.6	611.6	614.2	615.2	614.5	611.9	606.6	598.9
-70°	533.7	534.6	532.3	528.3	532.3	534.6	533.7	531.6	528.5	524.3	518.6
-72.5°	449.2	447.3	448.6	449.1	448.6	447.3	449.2	450.0	449.8	447.8	443.2
-75°	370.5	368.3	369.3	369.8	369.3	368.3	370.5	371.9	372.3	371.4	367.7
-77.5°	291.8	289.3	285.9	281.8	285.9	289.3	291.8	293.3	293.9	293.3	290.1
-80°	211.2	210.3	206.7	202.5	206.7	210.3	211.2	211.5	211.3	210.6	208.9
-82.5°	141.6	140.2	140.7	140.9	140.7	140.2	141.6	142.6	143.2	143.4	141.1
-85°	80.6	78.9	79.2	79.3	79.2	78.9	80.6	82.1	83.4	84.5	83.2
-87.5°	28.4	26.3	26.4	26.4	26.4	26.3	28.4	30.3	32.2	34.0	33.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.1	32.5	31.9	31.2	30.5	29.7	28.8	27.9	27.0	25.9	24.9
85°	81.7	80.0	78.2	76.1	73.9	71.5	68.9	64.9	60.9	57.1	53.5
82.5°	138.5	135.6	132.3	128.7	124.8	120.6	116.0	109.9	103.0	95.6	87.8
80°	206.5	203.2	198.8	191.4	183.9	176.3	168.8	161.5	153.8	145.7	137.2
77.5°	286.0	281.2	274.4	262.7	250.7	238.5	226.8	216.9	207.3	197.1	186.4
75°	363.2	357.8	350.0	337.4	322.9	306.3	291.2	278.8	265.6	251.8	237.4
72.5°	437.5	430.8	422.4	411.8	399.5	384.6	366.0	346.3	327.4	309.4	292.3
70°	511.7	503.6	495.0	484.5	472.1	457.9	439.5	417.2	391.9	367.2	348.7
67.5°	589.6	578.9	569.8	560.9	549.6	535.1	514.1	491.0	466.0	437.5	411.1
65°	672.9	661.0	649.5	638.6	626.3	612.3	590.6	565.3	538.2	509.7	479.8
62.5°	755.9	747.7	734.6	718.9	702.6	684.9	664.7	639.8	610.6	577.5	544.6
60°	829.8	819.7	804.9	789.5	773.9	754.1	728.3	705.4	685.7	648.3	608.9
57.5°	893.5	881.9	864.1	847.4	832.1	808.9	782.6	756.8	731.4	705.4	671.6
55°	943.7	931.3	915.4	896.7	875.9	854.4	830.1	802.5	775.6	751.8	720.6
52.5°	992.4	980.2	964.9	946.6	924.4	899.3	872.9	845.4	820.1	795.6	767.7
50°	1048.6	1033.3	1016.2	997.4	973.1	946.1	917.7	888.1	862.2	837.1	810.7
47.5°	1118.3	1096.0	1071.2	1048.6	1022.0	992.2	961.8	932.2	903.8	874.4	847.7
45°	1201.5	1171.2	1138.7	1108.1	1073.8	1041.4	1006.4	975.5	945.0	913.3	880.4
42.5°	1307.2	1261.5	1219.1	1177.3	1134.6	1095.6	1055.8	1019.7	985.4	951.5	916.0
40°	1436.6	1375.1	1319.2	1257.7	1205.2	1154.2	1108.8	1063.6	1025.5	988.7	949.5
37.5°	1595.6	1515.3	1438.9	1359.2	1289.1	1222.2	1165.3	1113.2	1063.7	1023.5	982.3
35°	1799.4	1689.6	1580.1	1480.9	1386.0	1303.7	1227.8	1165.3	1108.8	1056.9	1013.7
32.5°	2074.6	1919.2	1752.9	1625.5	1500.4	1392.3	1301.8	1222.2	1154.2	1095.6	1043.6
30°	2479.3	2224.5	1995.9	1793.3	1635.6	1496.1	1377.9	1285.9	1205.2	1134.6	1073.8
27.5°	3059.4	2621.3	2312.3	2014.1	1783.8	1614.8	1472.1	1351.4	1256.6	1177.3	1107.5
25°	3881.7	3216.8	2680.6	2291.4	1978.1	1738.0	1570.0	1430.1	1314.1	1218.6	1134.6
22.5°	5008.8	4002.0	3178.9	2588.8	2202.1	1903.4	1676.6	1507.8	1366.6	1254.8	1163.5
20°	6666.9	4938.5	3823.7	3014.1	2453.6	2062.1	1787.6	1589.0	1425.7	1292.4	1188.6
17.5°	8634.8	6237.0	4529.4	3448.9	2747.9	2265.5	1916.2	1663.7	1479.4	1325.1	1209.1
15°	10732.2	7708.5	5515.5	4029.4	3048.8	2439.9	2023.4	1729.8	1530.6	1361.2	1234.6
12.5°	13410.7	9294.9	6380.4	4514.0	3344.7	2629.5	2147.8	1813.7	1580.9	1400.1	1261.0
10°	15944.4	10949.4	7433.1	5152.1	3704.8	2815.8	2258.2	1878.2	1619.9	1431.0	1282.6
7.5°	18338.4	12540.1	8343.1	5637.7	3982.8	2964.0	2340.1	1924.8	1647.6	1452.7	1299.0
5°	20092.9	13724.0	9055.5	6012.5	4179.4	3071.3	2393.2	1953.7	1664.1	1465.4	1310.2
2.5°	21427.7	14508.4	9488.8	6232.3	4291.6	3134.7	2425.0	1975.9	1680.1	1475.7	1322.5
0°	22040.7	14811.2	9633.5	6348.9	4358.8	3152.4	2439.2	1990.1	1690.7	1479.4	1329.7
-2.5°	21427.7	14508.4	9488.8	6232.3	4291.6	3134.7	2425.0	1975.9	1680.1	1475.7	1322.5
-5°	20092.9	13724.0	9055.5	6012.5	4179.4	3071.3	2393.2	1953.7	1664.1	1465.4	1310.2
-7.5°	18338.4	12540.1	8343.1	5637.7	3982.8	2964.0	2340.1	1924.8	1647.6	1452.7	1299.0
-10°	15944.4	10949.4	7433.1	5152.1	3704.8	2815.8	2258.2	1878.2	1619.9	1431.0	1282.6
-12.5°	13410.7	9294.9	6380.4	4514.0	3344.7	2629.5	2147.8	1813.7	1580.9	1400.1	1261.0
-15°	10732.2	7708.5	5515.5	4029.4	3048.8	2439.9	2023.4	1729.8	1530.6	1361.2	1234.6
-17.5°	8634.8	6237.0	4529.4	3448.9	2747.9	2265.5	1916.2	1663.7	1479.4	1325.1	1209.1
-20°	6666.9	4938.5	3823.7	3014.1	2453.6	2062.1	1787.6	1589.0	1425.7	1292.4	1188.6

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5008.8	4002.0	3178.9	2588.8	2202.1	1903.4	1676.6	1507.8	1366.6	1254.8	1163.5
-25°	3881.7	3216.8	2680.6	2291.4	1978.1	1738.0	1570.0	1430.1	1314.1	1218.6	1134.6
-27.5°	3059.4	2621.3	2312.3	2014.1	1783.8	1614.8	1472.1	1351.4	1256.6	1177.3	1107.5
-30°	2479.3	2224.5	1995.9	1793.3	1635.6	1496.1	1377.9	1285.9	1205.2	1134.6	1073.8
-32.5°	2074.6	1919.2	1752.9	1625.5	1500.4	1392.3	1301.8	1222.2	1154.2	1095.6	1043.6
-35°	1799.4	1689.6	1580.1	1480.9	1386.0	1303.7	1227.8	1165.3	1108.8	1056.9	1013.7
-37.5°	1595.6	1515.3	1438.9	1359.2	1289.1	1222.2	1165.3	1113.2	1063.7	1023.5	982.3
-40°	1436.6	1375.1	1319.2	1257.7	1205.2	1154.2	1108.8	1063.6	1025.5	988.7	949.5
-42.5°	1307.2	1261.5	1219.1	1177.3	1134.6	1095.6	1055.8	1019.7	985.4	951.5	916.0
-45°	1201.5	1171.2	1138.7	1108.1	1073.8	1041.4	1006.4	975.5	945.0	913.3	880.4
-47.5°	1118.3	1096.0	1071.2	1048.6	1022.0	992.2	961.8	932.2	903.8	874.4	847.7
-50°	1048.6	1033.3	1016.2	997.4	973.1	946.1	917.7	888.1	862.2	837.1	810.7
-52.5°	992.4	980.2	964.9	946.6	924.4	899.3	872.9	845.4	820.1	795.6	767.7
-55°	943.7	931.3	915.4	896.7	875.9	854.4	830.1	802.5	775.6	751.8	720.6
-57.5°	893.5	881.9	864.1	847.4	832.1	808.9	782.6	756.8	731.4	705.4	671.6
-60°	829.8	819.7	804.9	789.5	773.9	754.1	728.3	705.4	685.7	648.3	608.9
-62.5°	755.9	747.7	734.6	718.9	702.6	684.9	664.7	639.8	610.6	577.5	544.6
-65°	672.9	661.0	649.5	638.6	626.3	612.3	590.6	565.3	538.2	509.7	479.8
-67.5°	589.6	578.9	569.8	560.9	549.6	535.1	514.1	491.0	466.0	437.5	411.1
-70°	511.7	503.6	495.0	484.5	472.1	457.9	439.5	417.2	391.9	367.2	348.7
-72.5°	437.5	430.8	422.4	411.8	399.5	384.6	366.0	346.3	327.4	309.4	292.3
-75°	363.2	357.8	350.0	337.4	322.9	306.3	291.2	278.8	265.6	251.8	237.4
-77.5°	286.0	281.2	274.4	262.7	250.7	238.5	226.8	216.9	207.3	197.1	186.4
-80°	206.5	203.2	198.8	191.4	183.9	176.3	168.8	161.5	153.8	145.7	137.2
-82.5°	138.5	135.6	132.3	128.7	124.8	120.6	116.0	109.9	103.0	95.6	87.8
-85°	81.7	80.0	78.2	76.1	73.9	71.5	68.9	64.9	60.9	57.1	53.5
-87.5°	33.1	32.5	31.9	31.2	30.5	29.7	28.8	27.9	27.0	25.9	24.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.8	22.6	21.4	20.2	18.9	17.6	16.2	14.9	13.5	12.0	10.6
85°	51.4	49.0	46.2	42.9	39.1	35.2	32.5	29.7	26.9	24.1	21.1
82.5°	83.3	80.3	77.1	73.2	67.4	61.5	55.4	49.2	42.9	36.4	31.7
80°	129.0	121.1	113.4	105.7	96.8	87.7	79.6	71.4	62.9	54.3	45.6
77.5°	175.3	163.7	151.7	140.6	129.5	118.0	106.2	94.2	82.8	72.1	61.3
75°	222.3	208.2	193.8	178.9	163.6	148.1	134.0	119.6	105.0	90.0	76.8
72.5°	274.7	256.4	237.5	218.2	200.3	182.0	163.3	144.8	127.7	110.4	92.7
70°	329.2	306.7	284.1	262.5	239.6	215.8	194.4	172.5	150.3	130.4	110.4
67.5°	386.4	363.4	336.8	308.1	282.2	255.3	226.3	200.6	175.6	150.3	127.7
65°	449.2	420.4	392.8	359.5	326.9	295.6	264.1	230.1	200.6	172.5	144.8
62.5°	510.5	475.8	442.6	408.5	372.9	336.9	301.4	263.1	226.1	194.4	163.3
60°	571.2	532.6	491.4	452.7	415.6	377.6	337.2	295.3	254.5	215.8	182.0
57.5°	628.8	588.4	541.8	496.4	454.7	415.0	371.9	326.3	282.1	239.2	200.2
55°	682.5	637.4	589.0	539.7	492.8	449.3	404.5	356.2	308.6	262.5	217.7
52.5°	732.0	684.8	633.2	580.9	529.6	482.2	435.0	384.9	334.1	284.9	236.6
50°	778.0	731.8	676.9	620.8	564.7	514.6	464.9	412.5	358.4	306.3	255.2
47.5°	817.8	774.1	721.0	660.2	600.4	546.5	494.4	439.4	381.6	326.7	273.0
45°	850.4	813.2	762.1	701.0	636.8	579.6	523.3	465.7	405.3	346.3	290.2
42.5°	880.6	845.9	799.8	740.8	674.2	612.2	551.5	491.4	428.3	365.1	306.6
40°	911.5	874.7	834.9	775.5	709.3	643.5	580.0	516.3	450.6	383.5	322.2
37.5°	940.2	902.0	861.7	807.7	740.8	673.1	607.2	540.5	471.3	402.0	337.0
35°	969.4	926.6	885.0	833.0	768.2	700.0	633.1	563.7	490.9	419.1	351.0
32.5°	997.4	949.5	904.5	853.6	793.3	724.1	656.3	583.9	509.2	434.9	364.1
30°	1022.8	970.8	923.3	873.6	814.6	745.2	675.8	602.2	526.2	449.4	376.4
27.5°	1043.2	988.5	941.2	890.7	831.7	764.1	693.0	618.7	541.9	462.7	388.1
25°	1063.5	1005.0	955.4	906.3	847.7	783.3	709.0	633.3	555.6	475.3	398.7
22.5°	1086.0	1020.1	966.6	921.1	864.1	801.6	724.2	646.0	567.5	486.7	408.0
20°	1105.9	1033.3	975.0	932.7	877.1	815.4	738.6	657.5	577.8	496.7	416.2
17.5°	1123.4	1047.4	986.0	939.6	887.3	827.2	751.9	667.7	586.4	505.4	423.2
15°	1141.7	1062.2	995.9	945.2	895.5	837.0	764.0	676.4	593.5	512.8	429.5
12.5°	1158.0	1074.2	1003.8	949.5	901.8	845.0	774.7	683.8	598.9	519.0	435.2
10°	1171.6	1083.5	1009.6	952.5	906.2	851.1	783.8	690.8	604.8	523.8	440.0
7.5°	1182.1	1089.9	1013.5	954.2	909.2	856.0	791.6	698.9	609.7	527.1	443.9
5°	1189.9	1095.0	1019.4	959.6	912.9	859.9	797.1	705.4	613.3	528.9	446.8
2.5°	1195.7	1099.3	1025.9	964.8	915.1	862.2	800.3	710.3	615.6	529.3	448.5
0°	1197.6	1100.7	1030.3	968.6	915.8	863.0	801.3	713.3	616.4	528.3	449.1
-2.5°	1195.7	1099.3	1025.9	964.8	915.1	862.2	800.3	710.3	615.6	529.3	448.5
-5°	1189.9	1095.0	1019.4	959.6	912.9	859.9	797.1	705.4	613.3	528.9	446.8
-7.5°	1182.1	1089.9	1013.5	954.2	909.2	856.0	791.6	698.9	609.7	527.1	443.9
-10°	1171.6	1083.5	1009.6	952.5	906.2	851.1	783.8	690.8	604.8	523.8	440.0
-12.5°	1158.0	1074.2	1003.8	949.5	901.8	845.0	774.7	683.8	598.9	519.0	435.2
-15°	1141.7	1062.2	995.9	945.2	895.5	837.0	764.0	676.4	593.5	512.8	429.5
-17.5°	1123.4	1047.4	986.0	939.6	887.3	827.2	751.9	667.7	586.4	505.4	423.2
-20°	1105.9	1033.3	975.0	932.7	877.1	815.4	738.6	657.5	577.8	496.7	416.2

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1086.0	1020.1	966.6	921.1	864.1	801.6	724.2	646.0	567.5	486.7	408.0
-25°	1063.5	1005.0	955.4	906.3	847.7	783.3	709.0	633.3	555.6	475.3	398.7
-27.5°	1043.2	988.5	941.2	890.7	831.7	764.1	693.0	618.7	541.9	462.7	388.1
-30°	1022.8	970.8	923.3	873.6	814.6	745.2	675.8	602.2	526.2	449.4	376.4
-32.5°	997.4	949.5	904.5	853.6	793.3	724.1	656.3	583.9	509.2	434.9	364.1
-35°	969.4	926.6	885.0	833.0	768.2	700.0	633.1	563.7	490.9	419.1	351.0
-37.5°	940.2	902.0	861.7	807.7	740.8	673.1	607.2	540.5	471.3	402.0	337.0
-40°	911.5	874.7	834.9	775.5	709.3	643.5	580.0	516.3	450.6	383.5	322.2
-42.5°	880.6	845.9	799.8	740.8	674.2	612.2	551.5	491.4	428.3	365.1	306.6
-45°	850.4	813.2	762.1	701.0	636.8	579.6	523.3	465.7	405.3	346.3	290.2
-47.5°	817.8	774.1	721.0	660.2	600.4	546.5	494.4	439.4	381.6	326.7	273.0
-50°	778.0	731.8	676.9	620.8	564.7	514.6	464.9	412.5	358.4	306.3	255.2
-52.5°	732.0	684.8	633.2	580.9	529.6	482.2	435.0	384.9	334.1	284.9	236.6
-55°	682.5	637.4	589.0	539.7	492.8	449.3	404.5	356.2	308.6	262.5	217.7
-57.5°	628.8	588.4	541.8	496.4	454.7	415.0	371.9	326.3	282.1	239.2	200.2
-60°	571.2	532.6	491.4	452.7	415.6	377.6	337.2	295.3	254.5	215.8	182.0
-62.5°	510.5	475.8	442.6	408.5	372.9	336.9	301.4	263.1	226.1	194.4	163.3
-65°	449.2	420.4	392.8	359.5	326.9	295.6	264.1	230.1	200.6	172.5	144.8
-67.5°	386.4	363.4	336.8	308.1	282.2	255.3	226.3	200.6	175.6	150.3	127.7
-70°	329.2	306.7	284.1	262.5	239.6	215.8	194.4	172.5	150.3	130.4	110.4
-72.5°	274.7	256.4	237.5	218.2	200.3	182.0	163.3	144.8	127.7	110.4	92.7
-75°	222.3	208.2	193.8	178.9	163.6	148.1	134.0	119.6	105.0	90.0	76.8
-77.5°	175.3	163.7	151.7	140.6	129.5	118.0	106.2	94.2	82.8	72.1	61.3
-80°	129.0	121.1	113.4	105.7	96.8	87.7	79.6	71.4	62.9	54.3	45.6
-82.5°	83.3	80.3	77.1	73.2	67.4	61.5	55.4	49.2	42.9	36.4	31.7
-85°	51.4	49.0	46.2	42.9	39.1	35.2	32.5	29.7	26.9	24.1	21.1
-87.5°	23.8	22.6	21.4	20.2	18.9	17.6	16.2	14.9	13.5	12.0	10.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
85°	18.2	15.2	12.2	9.2	6.1	2.7	0.0
82.5°	27.3	22.8	18.3	13.7	9.2	4.0	0.0
80°	36.8	30.3	24.3	18.3	12.2	5.3	0.0
77.5°	50.2	38.9	30.3	22.8	15.1	6.6	0.0
75°	63.3	49.5	36.7	27.3	18.0	7.9	0.0
72.5°	76.3	59.9	44.7	31.7	20.9	9.2	0.0
70°	89.3	70.1	52.6	36.3	23.7	10.4	0.0
67.5°	104.0	80.1	60.3	41.9	26.4	11.7	0.0
65°	118.4	91.0	67.8	47.3	29.0	12.8	0.0
62.5°	132.6	102.8	75.1	52.6	31.6	14.0	0.0
60°	146.4	114.3	82.2	57.8	34.0	15.1	0.0
57.5°	161.6	125.6	91.1	62.8	37.2	16.2	0.0
55°	176.6	136.5	99.8	67.6	40.3	17.2	0.0
52.5°	191.1	147.3	108.2	72.2	43.3	18.2	0.0
50°	205.2	159.0	116.4	76.6	46.3	19.1	0.0
47.5°	219.0	170.2	124.2	81.2	49.1	20.0	0.0
45°	233.6	181.0	131.7	86.9	51.9	20.9	0.0
42.5°	247.7	191.4	138.9	92.2	54.6	21.7	0.0
40°	261.0	201.2	146.3	97.5	57.2	22.4	0.0
37.5°	273.7	210.5	153.7	102.6	59.6	23.1	0.0
35°	285.7	220.0	160.7	107.3	62.0	23.7	0.0
32.5°	296.8	229.3	167.2	111.8	64.2	24.3	0.0
30°	307.3	238.0	173.3	116.0	66.3	24.8	0.0
27.5°	316.9	245.9	179.2	119.9	68.2	25.2	0.0
25°	325.7	253.2	184.7	123.5	70.1	25.6	0.0
22.5°	333.6	259.8	189.7	126.8	71.7	25.9	0.0
20°	340.7	265.5	194.2	129.7	73.3	26.2	0.0
17.5°	346.6	270.4	198.1	132.3	74.6	26.4	0.0
15°	351.4	274.4	201.6	134.6	75.8	26.6	0.0
12.5°	355.3	277.6	204.6	136.5	76.9	26.7	0.0
10°	358.3	279.9	207.0	138.1	77.7	26.8	0.0
7.5°	360.4	281.5	208.9	139.3	78.4	26.7	0.0
5°	361.5	282.3	210.2	140.2	78.9	26.7	0.0
2.5°	361.7	282.4	211.0	140.7	79.2	26.6	0.0
0°	361.0	281.8	211.3	140.9	79.3	26.4	0.0
-2.5°	361.7	282.4	211.0	140.7	79.2	26.6	0.0
-5°	361.5	282.3	210.2	140.2	78.9	26.7	0.0
-7.5°	360.4	281.5	208.9	139.3	78.4	26.7	0.0
-10°	358.3	279.9	207.0	138.1	77.7	26.8	0.0
-12.5°	355.3	277.6	204.6	136.5	76.9	26.7	0.0
-15°	351.4	274.4	201.6	134.6	75.8	26.6	0.0
-17.5°	346.6	270.4	198.1	132.3	74.6	26.4	0.0
-20°	340.7	265.5	194.2	129.7	73.3	26.2	0.0

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Scaled Data Report



REPORT NUMBER: P627759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	333.6	259.8	189.7	126.8	71.7	25.9	0.0
-25°	325.7	253.2	184.7	123.5	70.1	25.6	0.0
-27.5°	316.9	245.9	179.2	119.9	68.2	25.2	0.0
-30°	307.3	238.0	173.3	116.0	66.3	24.8	0.0
-32.5°	296.8	229.3	167.2	111.8	64.2	24.3	0.0
-35°	285.7	220.0	160.7	107.3	62.0	23.7	0.0
-37.5°	273.7	210.5	153.7	102.6	59.6	23.1	0.0
-40°	261.0	201.2	146.3	97.5	57.2	22.4	0.0
-42.5°	247.7	191.4	138.9	92.2	54.6	21.7	0.0
-45°	233.6	181.0	131.7	86.9	51.9	20.9	0.0
-47.5°	219.0	170.2	124.2	81.2	49.1	20.0	0.0
-50°	205.2	159.0	116.4	76.6	46.3	19.1	0.0
-52.5°	191.1	147.3	108.2	72.2	43.3	18.2	0.0
-55°	176.6	136.5	99.8	67.6	40.3	17.2	0.0
-57.5°	161.6	125.6	91.1	62.8	37.2	16.2	0.0
-60°	146.4	114.3	82.2	57.8	34.0	15.1	0.0
-62.5°	132.6	102.8	75.1	52.6	31.6	14.0	0.0
-65°	118.4	91.0	67.8	47.3	29.0	12.8	0.0
-67.5°	104.0	80.1	60.3	41.9	26.4	11.7	0.0
-70°	89.3	70.1	52.6	36.3	23.7	10.4	0.0
-72.5°	76.3	59.9	44.7	31.7	20.9	9.2	0.0
-75°	63.3	49.5	36.7	27.3	18.0	7.9	0.0
-77.5°	50.2	38.9	30.3	22.8	15.1	6.6	0.0
-80°	36.8	30.3	24.3	18.3	12.2	5.3	0.0
-82.5°	27.3	22.8	18.3	13.7	9.2	4.0	0.0
-85°	18.2	15.2	12.2	9.2	6.1	2.7	0.0
-87.5°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)